



Robert Greene Sterne Jorge A. Goldstein David K.S. Cornwell Robert W. Esmond Tracy-Gene G. Durkin Michele A. Cimbala Michael B. Ray Robert E. Sokohl Michael O. Lee Steven R. Ludwig John M. Covert Robert C. Millonia Timothy J. Shea, Jr. Michael V. Messinger Judith U. Kim

Patrick E. Garrett Jeffrey T. Helvey Heidi L. Kraus Eldora L. Ellison Donald R. Banowit Jeffrey S. Weaver Brian J. Del Buono Edward W. Yee Vincent L. Capuano Virgil Lee Beaston Theodore A. Wood Elizabeth I. Haanes Joseph S. Ostroff Frank R. Cottingham Daniel A. Klein

March 16, 2006

Michael D. Specht Tracy L. Muller Jon É. Wright LuAnne M. DeSantis Ann E. Summerfield Helene C. Carlson Cynthia M. Bouchez Timothy A. Doyle Gaby L. Longsworth Lori A. Gordon Laura A. Vogel Bryan S. Wade Bashir M S Ali Shannon A. Carroll Matthew E. Kelley Marsha A. Rose*

Jason D. Eisenberg Michelle K. Holoubek Christopher J. Walsh W. Blake Coblentz* James J. Pohl* Young Tang John T. Haran Mark W. Rygiel

Registered Patent Agents Karen R. Markowicz Matthew J. Dowd Katrina Yujian Pei Quach Bryan L. Skelton Robert A. Schwartzman Victoria S. Rutherford Simon J. Elliott Julie A. Heider Mita Mukherjee Scott M. Woodhouse

Liliana Di Nola-Baros Jeffrey K. Milk Danielle L. Letting Lori Brandes

Of Counsel Edward J. Kessler Kenneth C. Bass III Marvin C. Guthrie

*Admitted only in Maryland * Admitted only in Virginia Practice Limited to Federal Agencies

WRITER'S DIRECT NUMBER: (202) 772-8641 **INTERNET ADDRESS:** HCARLSON@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Art Unit 1647

Mail Stop Amendment

Re:

U.S. Utility Patent Application

Application No. 10/023,584; Filed: December 21, 2001

For: Antibodies To Human Vascular Endothelial Growth Factor 2

Inventors:

Rosen et al.

Our Ref:

1488.100000Q/HCC/LMB

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Tenth Supplemental Information Disclosure Statement Under 37 C.F.R. § 1.97(b);
- 2. Form PTO/SB/08A (2 pages), citing 18 documents (US5-US11 and FP24-FP34);
- 3. Form PTO/SB/08B (4 pages), citing 31 documents (NPL23-NPL53);
- 4. Copies of the cited documents (FP24-FP34 and NPL23-NPL53);
- 5. Eleventh Supplemental Information Disclosure Statement Under 37 C.F.R. § 1.97(b);
- 6. Form PTO/SB/08A (1 page), citing 1 document (US12);
- 7. Form PTO/SB/08B (4 pages), citing 31 documents (NPL54-NPL84);
- 8. Copies of the cited documents (NPL54-NPL84); and
- 9. One return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skqf.com

Commissioner for Patents March 16, 2006 Page 2

necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Mullachion

Helene C. Carlson

Agent for Applicants Registration No. 47,473

EKS/HCC/eaf Enclosures

480007v1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ROSEN et al.

Appl. No.: 10/023,584

Filed: December 21, 2001

For: Antibodies To Human Vascular **Endothelial Growth Factor 2**

Confirmation No.: 4809

Art Unit: 1647

Examiner: Landsman, Robert S.

Atty. Docket: 1488.100000Q/HCC/LMB

Tenth Supplemental Information Disclosure Statement Under 37 C.F.R. § 1.97(b)

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Forms PTO/SB/08A and PTO/SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Tenth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Ninth Supplemental Information Disclosure Statement filed on December 28, 2005 in connection with the above-captioned application.

Copies of documents FP24-FP34 and NPL23-NPL53 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents, documents US5-US11, cited on the attached Form PTO/SB/08A are not submitted.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following discussion of the relevance of the non-English language documents FP25 and FP26 cited on Form PTO/SB/08A:

Document FP25, JP 64-38100 A, is in the Japanese language. An English language abstract of document FP25 is attached as document NPL29.

Document **FP26**, JP 2-117698 A, is in the Japanese language. An English language abstract of document FP26 is attached as document **NPL30**.

Applicants would also like to bring to the attention of the Examiner that for the following document the month of publication could not be determined to the best of the Applicants' ability: **NPL46**, Spranger, J. and Pfeiffer, A.F.H., "New concepts in pathogenesis and treatment of diabetic retinopathy," *Exp. Clin. Endocrinol. Diabetes* 109(Suppl. 2):S438-S450, J.A. Barth Verlag (2001).

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.

It is respectfully requested that the Examiner initial and return copies of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Verlenellaren

Helene C. Carlson

Agent for Applicants

Registration No. 47,473

Date: 3/16/06

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

504663_1.DOC

Equivalent of Form PTO/SB/08A (07-05) Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperyork Reduction Act of 1995 propersons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO MAR 1 6 2006 Complete if Known Application Number 10/023,584 TENTH SUPPLEME Filing Date December 21, 2001 INFORMATION DISC First Named Inventor Rosen, Craig A. STATEMENT BY APPLICAT Art Unit 1647 (Use as many sheets as necessary) Examiner Name Landsman, Robert S. Sheet of 2 Attorney Docket Number 1488.100000O/HCC/LMB

			U.S. PATENT DO	OCUMENTS		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.'	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
	US5	5,652,225	07/29/1997	Isner		
	US6	5,661,133	08/26/1997	Leiden and Barr		
	US7	5,693,622	12/02/1997	Wolff et al.		
	US8	5,792,453	08/11/1998	Hammond et al.		
	US9	6,121,246	09/19/2000	Isner		
	US10	6,361,946 B1	03/26/2002	Alitalo and Joukov		
	US11	6,451,764 B1	09/17/2002	Lee and Wood		
	_					

		Fo	REIGN PATENT DO	OCUMENTS		_
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or	
					Relevant Figures Appear	T ⁶
	FP24	EP 0 186 084 A2	07/02/1986	Merck & Co. Inc.		
	FP25	JP 64-38100 A	02/08/1989	Toray Ind. Inc.		
	FP26	JP 2-117698 A	05/02/1990	Ajinomoto KK and Toray Ind. Inc.		
	FP27	EP 0 399 816 A1	11/28/1990	Merck & Co. Inc.		
	FP28	WO 94/11506 A1	05/26/1994	Arch Development Corporation		
	FP29	WO 00/45835 A1	08/10/2000	Human Genome Sciences, Inc. and Rosen et al.		
	FP30	WO 02/11769 A1	02/14/2002	Human Genome Sciences, Inc. and Coleman		
	FP31	WO 02/083704 A1	10/24/2002	Human Genome Sciences, Inc. and Rosen et al.		

- ·	D.	
Examiner	Date	
Signature	Considered	
8		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Equivalent of Form PTO/SB/08A (07-05)
Approved for use through 07/31/2006.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute t	or form	1449/PT)	Complete if Known		
TENT	TOTI	DDI E	MENTAL	Application Number	10/023,584	
				Filing Date	December 21, 2001	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Rosen, Craig A.	
				Art Unit	1647	
,	(Use as	many she	ets as necessary)	Examiner Name	Landsman, Robert S.	
Sheet	2	of	2	Attorney Docket Number	1488.100000Q/HCC/LMB	

			U.S. PATENT DO	CUMENTS		
Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ^{2 (If Known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lin Where Relevant Passa	ages
					or Relevant Figures Ap	opear
	l		OREIGN PATENT I	OCUMENTS	<u></u>	
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where	-
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			Relevant Passages or Relevant Figures Appear	T ⁶
	FP32	WO 02/083849 A2	10/24/2002	Human Genome Sciences, Inc. and Rosen et al.		
	FP33	WO 02/083850 A2	10/24/2002	Human Genome Sciences, Inc. and Rosen et al.		
	FP34	WO 03/097660 A1	11/27/2003	Human Genome Sciences, Inc. and Rosen et al.		
		-				
						\vdash

504661_1.DOC

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwick Reduction Act of 1985 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO			4DENHARK	Co	Complete if Known		
TENTH :				Application Number	10/023,584		
				Filing Date	December 21, 2001		
INFORMATION DISCLOSURE				First Named Inventor	Rosen, Craig A.		
STATEMENT BY APPLICANT		Art Unit	1647				
((Use as man	y sheets as	s necessary)	Examiner Name	Landsman, Robert S.		
Sheet	1	of	4	Attorney Docket Number	1488.100000Q/HCC/LMB		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
	NPL23	Borg, JP., et al., "Biochemical characterization of two isoforms of FLT4, a VEGF receptor-related tyrosine kinase," <i>Oncogene 10</i> :973-984, Stockton Press (March 1995)	
	NPL24	Capogrossi, M.C., "Gene Therapy of Coronary Artery Disease," Project No. Z01 AG00811-01, Abstract (January 1994)	
	NPL25	Capogrossi, M.C., "Gene Therapy of Coronary Artery Disease," Project No. Z01 AG00811-02, Abstract (January 1995)	
	NPL26	Choi, I.H., et al., "Angiogenesis and Mineralization During Distraction Osteogenesis," J. Korean Med. Sci. 17:435-447, The Korean Academy of Medical Sciences (August 2002)	
	NPL27	Copy of Declaration of Dr. Kari Alitalo, In re of: U.S. Application No. 08/585,895, Alitalo <i>et al.</i> , filed January 12, 1996, submitted November 26, 1997	
	NPL28	Dias, S., et al., "Vascular endothelial growth factor (VEGF)-C signaling through FLT-4 (VEGFR-3) mediates leukemic cell proliferation, survival, and resistance to chemotherapy," Blood 99:2179-2184, The American Society of Hematology (March 2002)	
	NPL29	English language abstract of JP 64-38100 A, cited as document FP25 on Form PTO/SB/08A, Derwent Accession No. 1989-088700/198912	
	NPL30	English language abstract of JP 2-117698 A, cited as document FP26 on Form PTO/SB/08A, Derwent Accession No. 1990-181364/199024	
	NPL31	Fan, TP.D., et al., "Controlling the vasculature: angiogenesis, anti-angiogenesis and vascular targeting of gene therapy," <i>Trends Pharmaco. Sci.</i> 16:57-66, Elsevier Science Ltd. (February 1995)	
	NPL32	Isner, J.M., et al., "Arterial Gene Therapy for Therapeutic Angiogenesis in Patients With Peripheral Artery Disease," Circulation 91:2687-2692, American Heart Association, Inc. (June 1995)	

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

^{*}EXAMINER: Initial if reterence considered, whether or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Co	Complete if Known		
TENTIL	CLIDDI E	A ATTA	TT A T	Application Number	10/023,584		
TENTH				Filing Date	December 21, 2001		
INFORMATION DISCLOSURE				First Named Inventor	Rosen, Craig A.		
STATEMENT BY APPLICANT				Art Unit	1647		
(Use as many sheets as necessary)		Examiner Name	Landsman, Robert S.				
Sheet	2	of	4	Attorney Docket Number	1488.100000Q/HCC/LMB		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL33	Isner, J.M. and Feldman, L.J., "Gene therapy for arterial disease," <i>Lancet</i> 344:1653-1654, The Lancet Ltd. (December 1994)	
	NPL34	Isner, J.M., et al., "Physiologic Assessment of Angiogenesis by Arterial Gene Therapy with Vascular Endothelial Growth Factor," J. Cell. Biochem. (Suppl. 21A):378, Abstract C6-215, Wiley-Liss (March-April 1995)	
	NPL35	Isner, J.M., "Therapeutic Angiogenesis in Vascular Medicine," Project No. R01 HL53354-01, Abstract (March 1995)	
	NPL36	Kubo, H., et al., "Blockade of vascular endothelial growth factor receptor-3 signaling inhibits fibroblast growth factor-2-induced lymphangiogenesis in mouse cornea," <i>Proc. Natl. Acad. Sci.</i> 99:8868-8873, The National Academy of Sciences (June 2002)	
	NPL37	Kuzuya, M. and Kinsella, J.L., "Induction of Endothelial Cell Differentiation in Vitro by Fibroblast-Derived Soluble Factors," Exp. Cell Res. 215:310-318, Academic Press, Inc. (December 1994)	
	NPL38	Maher, P.A., "Stimulation of Endothelial Cell Proliferation by Vanadate Is Specific for Microvascular Endothelial Cells," <i>J. Cell. Physiol.</i> 151:549-554, Wiley-Liss, Inc. (1992)	
	NPL39	Mesri, E.A., et al., "Expression of Vascular Endothelial Growth Factor From a Defective Herpes Simplex Virus Type 1 Amplicon Vector Induces Angiogenesis in Mice," Circulation Res. 76:161-167, American Heart Association, Inc. (February 1995)	
	NPL40	Mühlhauser, J., et al., "In Vivo Gene Transfer into Porcine Cardiac Cells with a Replication-Deficient Recombinant Adenovirus Vector," Circulation 88:I-475, Abstract No. 2558, American Heart Association (October 1993)	
	NPL41	Mühlhauser, J., et al., "VEGF ₁₆₅ Expressed by a Replication-Deficient Recombinant Adenovirus Vector Induces Angiogenesis In Vivo," <i>Circulation Res.</i> 77:1077-1086, American Heart Association, Inc (December 1995)	
	NPL42	Oikawa, T., et al., "Three Isoforms of Platelet-Derived Growth Factors All Have the Capability to Induce Angiogenesis In Vivo," Biol. Pharm. Bull. 17:1686-1688, (December 1994)	

Examiner	 Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

^{*}EXAMINER: Initial if reference considered, whether or not classion is in conformance with MPEP 609. Draw line strongly classion in not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for fo	orm 1449/P	го		Со	Complete if Known		
TENTH SUPPLEMENTAL				Application Number	10/023,584		
				Filing Date	December 21, 2001		
1			CLOSURE	First Named Inventor	Rosen, Craig A.		
			PLICANT	Art Unit	1647		
(Use as many sheets as necessary)			s necessary)	Examiner Name	Landsman, Robert S.		
Sheet	3	of	4	Attorney Docket Number	1488.100000Q/HCC/LMB		

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	Т	
	NPL43	Pajusola, K., et al., "Signalling properties of FLT4, a proteolytically processed receptor tyrosine kinase related to two VEGF receptors," <i>Oncogene</i> 9:3545-3555, Macmillan Press Ltd. (December 1994)		
	NPL44	Pepper, M.S., et al., "In Vitro Angiogenic and Proteolytic Properties of Bovine Lymphatic Endothelial Cells," Exp. Cell Res. 210:298-305, Academic Press, Inc. (January 1994)		
	NPL45	Plate, K.H., "From angiogenesis to lymphangiogenesis," <i>Nat. Med.</i> 7:151-152, Nature America, Inc. (February 2001)		
	NPL46	Spranger, J. and Pfeiffer, A.F.H., "New concepts in pathogenesis and treatment of diabetic retinopathy," <i>Exp. Clin. Endocrinol. Diabetes 109(Suppl. 2)</i> :S438-S450, J.A. Barth Verlag (2001)		
	NPL47	Symes, J.F. and Sniderman, A.D., "Angiogenesis: potential therapy for ischaemic disease," <i>Curr. Opin. Lipidol.</i> 5:305-312, Current Science Ltd. (August 1994)		
	NPL48	Takeshita, S., et al., "In Vivo Evidence of Enhanced Angiogenesis Following Direct Arterial Gene Transfer of the Plasmid Encoding Vascular Endothelial Growth Factor," Circulation 88:I-476, Abstract No. 2565, American Heart Association (October 1993)		
	NPL49	Takeshita, S., et al., "Therapeutic Angiogenesis. A Single Intraarterial Bolus of Vascular Endothelial Growth Factor Augments Revascularization in a Rabbit Ischemic Hind Limb Model," J. Clin. Invest. 93:662-670, The American Society for Clinical Investigation, Inc. (February 1994)		
	NPL50	Walsh, D.A. and Pearson, C.I., "Angiogenesis in the pathogenesis of inflammatory joint and lung diseases," <i>Arthritis Res.</i> 3:147-153, BioMed Central Ltd. (February 2001)		
	Williams, R.S., "Southwestern Internal Medicine Conference: Prospects for G NPL51 Therapy of Ischemic Heart Disease," Am. J. Med. Sci. 306:129-136, Lippincott Williams & Wilkins (August 1993)			
	NPL52	Witzenbichler, B., et al., "Vascular Endothelial Growth Factor-C (VEGF-C/VEGF-2) Promotes Angiogenesis in the Setting of Tissue Ischemia," Am. J. Pathol. 153:381-394, American Society for Investigative Pathology, Inc. (August 1998)		
Examiner Signature		Date Considered		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Application of the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for	form 1449/P7	го		Co	Complete if Known		
TENTH SUPPLEMENTAL				Application Number	10/023,584		
				Filing Date	December 21, 2001		
1			CLOSURE	First Named Inventor	Rosen, Craig A.		
			PLICANT	Art Unit	1647		
1	(Use as many sheets as necessary)			Examiner Name	Landsman, Robert S.		
Sheet	4	of	4	Attorney Docket Number	1488.100000Q/HCC/LMB		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL53	Yeung, P.K.F., "VEGF-2," Curr. Opin. Invest. Drugs 2:796-800, PharmaPress Ltd. (June 2001)	
		·	
		•	
504665_1.1	DOC		

Examiner	 Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Confirmation No.: 4809

ROSEN et al.

Art Unit: 1647

Appl. No.: 10/023,584

Filed: December 21, 2001

Examiner: Landsman, Robert S.

Atty. Docket: 1488.100000Q/HCC/LMB

For: Antibodies To Human Vascular **Endothelial Growth Factor 2**

Eleventh Supplemental Information Disclosure Statement Under 37 C.F.R. § 1.97(b)

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Forms PTO/SB/08A and PTO/SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Eleventh Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Tenth Supplemental Information Disclosure Statement filed herewith in connection with the above-captioned application.

Copies of documents NPL54-NPL84 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), a copy of U.S. application publication, document US12, cited on the attached Form PTO/SB/08A is not submitted.

Applicants would also like to bring to the attention of the Examiner that for the following document the month of publication could not be determined to the best of the Applicants' ability: NPL83, Stacker, S.A. and Achen, M.G., "The Vascular Endothelial Growth Factor Family: Signalling for Vascular Development," Growth Factors 17:1-11, Taylor & Francis (1999).

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.

It is respectfully requested that the Examiner initial and return copies of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Mulenellareson

Helene C. Carlson

Agent for Applicants

Registration No. 47,473

Date: 3/16/06

response

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

507560_1.DOC

MAR 1 6 2006

Equivalent of Form PTO/SB/08A (07-05)
Approved for use through 07/31/2006.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction 45 of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO Complete if Known Application Number 10/023,584 **ELEVENTH SUPPLEMENTAL** Filing Date December 21, 2001 INFORMATION DISCLOSURE First Named Inventor Rosen, Craig A. STATEMENT BY APPLICANT Art Unit 1647 (Use as many sheets as necessary) Examiner Name Landsman, Robert S. 1488.100000Q/HCC/LMB Sheet Attorney Docket Number

			U.S. PATENT DO	OCUMENTS	
Examiner Cite Initials No. 1		Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
initials	No.	Number-Kind Code ^{2 (If Known)}	WIWI-DD-1111	Applicant of Cited Document	or Relevant Figures Appear
	US12	2006/0014252 A1	01/19/2006	Lyman	
			<u> </u>		
			-		
			-		
			4		

		Fo	REIGN PATENT DO	CUMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ¹ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

505842_1.DOC

_		
Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for			, , ,	Complete if Known			
ELEVENTH SUPPLEMENTAL				Application Number	10/023,584		
				Filing Date	December 21, 2001		
i .			CLOSURE	First Named Inventor	Rosen, Craig A.		
			PLICANT	Art Unit	1647		
'	(Use as many sheets as necessary)			Examiner Name	Landsman, Robert S.		
Sheet	1	of	4	Attorney Docket Number	1488.100000Q/HCC/LMB		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
	NPL54	Danis, R.P., et al., "Anti-angiogenic therapy of proliferative diabetic retinopathy," Exp. Opin. Pharmacother. 2:395-407, Ashley Publications Ltd. (March 2001)	
	NPL55	Enholm, B., et al., "Vascular Endothelial Growth Factor-C: A Growth Factor for Lymphatic and Blood Vascular Endothelial Cells," <i>Trends Cardiovasc. Med.</i> 8:292-297, Elsevier Science Inc. (October 1998)	
	NPL56	Ferrara, N., "Vascular Endothelial Growth Factor and the Regulation of Angiogenesis," <i>Recent Progress Hormone Res.</i> 55:15-36, The Endocrine Society (March 2000)	
	NPL57	Halin, C. and Neri, D., "Antibody-Based Targeting of Angiogenesis," Crit. Rev. Ther. Drug Carrier Systems 18:299-339, Begall House, Inc. (August 2001)	
	NPL58	Longo, R., et al., "Anti-angiogenic therapy: Rationale, challenges, and clinical studies," Angiogenesis 5:237-256, Kluwer Academic Publishers (January 2002)	
	NPL59	Statutory Declaration of Kari Alitalo, executed on August 14, 2002, and accompanying Exhibits KA-1 and KA-2	
	NPL60	Statutory Declaration of Peter Adrian Walton Rogers, executed on August 9, 2002	
	NPL61	Statutory Declaration of Francis John Ballard, executed on July 16, 2002	
	NPL62	Statutory Declaration of Kari Alitalo, executed on July 16, 2002, and accompanying Exhibit 1	
	NPL63	Statutory Declaration of Susan Power, executed on March 22, 2002, and accompanying Appendices I-IV	

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Co	Complete if Known		
				Application Number	10/023,584		
	ELEVENTH SUPPLEMENTAL			Filing Date	December 21, 2001		
l '	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			First Named Inventor	Rosen, Craig A.		
				Art Unit	1647		
(Use as many sheets as necessary)		Examiner Name	Landsman, Robert S.				
Sheet	2	of	4	Attorney Docket Number	1488.100000Q/HCC/LMB		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL64	Statutory Declaration of Nicholas Kim Hayward, executed on March 26, 2002	1
	NPL65	Statutory Declaration of Stuart A. Aaronson, executed on March 22, 2002, and accompanying Appendices I-III	
,	NPL66	Statutory Declaration of Gary Baxter Cox, executed on March 22, 2002, and accompanying Exhibit GBC-24	
	NPL67	Statutory Declaration of Francis John Ballard, executed on December 12, 2001, and accompanying Exhibit FJB-1	
	NPL68	Statutory Declaration of Kari Alitalo, executed on September 24, 2001, and accompanying Exhibits 1-2	
	NPL69	Statutory Declaration of Peter Adrian Walton Rogers, executed on November 12, 2001, and accompanying Exhibits PAWR1-PAWR14	
	NPL70	Statutory Declaration of John Stanley Mattick, executed on December 12, 2000, and accompanying Exhibits JSM1-JSM4	
	NPL71	Statutory Declaration of Nicholas Kim Hayward, executed on December 8, 2000, and accompanying Exhibits NKH1-NKH2	
	NPL72	Statutory Declaration of Jennifer Ruth Gamble, executed on December 12, 2000, and accompanying Exhibits JRG1-JRG3	
	NPL73	Statutory Declaration of Tom Rapoport, executed on December 13, 2000, and accompanying Exhibits TP1-TP2	

Examiner Signature	Date Conside	red

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (07-05) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO ELEVENTH SUPPLEMENTAL				Complete if Known		
				Application Number	10/023,584	
				Filing Date	December 21, 2001	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Rosen, Craig A.	
				Art Unit	1647	
(Use as many sheets as necessary)			s necessary)	Examiner Name	Landsman, Robert S.	
Sheet	3	of	4	Attorney Docket Number	1488.100000Q/HCC/LMB	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL74	Statutory Declaration of Stuart A. Aaronson, executed on December 14, 2000, and accompanying CV	
	NPL75	Statutory Declaration of Susan Power, executed on December 13, 2000, and accompanying Appendices 1-2 and Figure 1	
,	NPL76	Statutory Declaration of Gary Baxter Cox, executed on December 13, 2000, and accompanying Exhibits GBC1-GBC23	
Į.	NPL77	Statutory Declaration of Peter Adrian Walton Rogers, executed on February 16, 2000, and accompanying Exhibit 1	
	NPL78	Statutory Declaration of Francis John Ballard, executed on February 16, 2000, and accompanying Exhibit 1	
	NPL79	Statutory Declaration of Kari Alitalo, executed on February 15, 2000, and accompanying Exhibits 1-3	
	NPL80	Anderson, W.F., "Human gene therapy," <i>Nature 392</i> :25-30, Macmillan Magazines Ltd. (April 1998)	
	NPL81	Maynard, J. and Georgiou, G., "Antibody Engineering," Annu. Rev. Biomed. Eng. 2:339-376, Annual Reviews (August 2000)	
	NPL82	Morea, V., et al., "Antibody Modeling: Implications for Engineering and Design," Methods 20:267-279, Academic Press (March 2000)	
	NPL83	Stacker, S.A. and Achen, M.G., "The Vascular Endothelial Growth Factor Family: Signalling for Vascular Development," <i>Growth Factors 17</i> :1-11, Taylor & Francis (1999)	

Examiner Signature	Date Considered	
-----------------------	--------------------	--

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO		Complete if Known		
 ELEVENTH SUDDIEMI	NIT A T	Application Number	10/023,584	
ELEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date	December 21, 2001	
		First Named Inventor	Rosen, Craig A.	
		Art Unit	1647	
(Use as many sheets as nece	ssary)	Examiner Name	Landsman, Robert S.	
Sheet 4 of	4	Attorney Docket Number	1488.100000Q/HCC/LMB	

	Gi	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²
	NPL84	Walsh, D.A., "Angiogenesis and arthritis," <i>Rheumatology 38</i> :103-112, British Society for Rheumatology (February 1999)	
· · · · · · ·			
05837_1.1	DOC		
Examiner	T	Date	
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.